



SEQUENCE LISTING

<110> Jefferey C. Moore
Michael G. Sturr
Kathleen McLaughlin
Jaehon Kim

<120> PROCESS FOR REDUCING AN ALPHA-KETO ESTER

<130> 21115

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 20
<212> PRT
<213> Artificial Sequence

<220>
<223> PRIMER

<400> 1
Ala Ile Pro Asp Asn Ala Val Leu Glu Gly Ser Leu Val Lys Val Thr
1 5 10 15
Gly Ala Asn Gly
20

<210> 2
<211> 22
<212> PRT
<213> SPOROBOLOMYCES SALMONICOLOR

<400> 2
Met Ala Lys Ile Asp Asn Ala Val Leu Pro Glu Gly Ser Leu Val Leu
1 5 10 15
Val Thr Gly Ala Asn Gly
20

<210> 3
<211> 343
<212> PRT
<213> SPOROBOLOMYCES SALMONICOLOR

<400> 3
Met Ala Lys Ile Asp Asn Ala Val Leu Pro Glu Gly Ser Leu Val Leu
1 5 10 15
Val Thr Gly Ala Asn Gly Phe Val Ala Ser His Val Val Glu Gln Leu
20 25 30
Leu Glu His Gly Tyr Lys Val Arg Gly Thr Ala Arg Ser Ala Ser Lys
35 40 45
Leu Ala Asn Leu Gln Lys Arg Trp Asp Ala Lys Tyr Pro Gly Arg Phe
50 55 60
Glu Thr Ala Val Val Glu Asp Met Leu Lys Gln Gly Ala Tyr Asp Glu
65 70 75 80
Val Ile Lys Gly Ala Ala Gly Val Ala His Ile Ala Ser Val Val Ser
85 90 95

Phe	Ser	Asn	Lys	Tyr	Asp	Glu	Val	Val	Thr	Pro	Ala	Ile	Gly	Gly	Thr
			100					105					110		
Leu	Asn	Ala	Leu	Arg	Ala	Ala	Ala	Ala	Thr	Pro	Ser	Val	Lys	Arg	Phe
		115				120						125			
Val	Leu	Thr	Ser	Ser	Thr	Val	Ser	Ala	Leu	Ile	Pro	Lys	Pro	Asn	Val
	130					135					140				
Glu	Gly	Ile	Tyr	Leu	Asp	Glu	Lys	Ser	Trp	Asn	Leu	Glu	Ser	Ile	Asp
145					150					155					160
Lys	Ala	Lys	Thr	Leu	Pro	Glu	Ser	Asp	Pro	Gln	Lys	Ser	Leu	Trp	Val
				165					170					175	
Tyr	Ala	Ala	Ser	Lys	Thr	Glu	Ala	Glu	Leu	Ala	Ala	Trp	Lys	Phe	Met
			180					185					190		
Asp	Glu	Asn	Lys	Pro	His	Phe	Thr	Leu	Asn	Ala	Val	Leu	Pro	Asn	Tyr
		195					200					205			
Thr	Ile	Gly	Thr	Ile	Phe	Asp	Pro	Glu	Thr	Gln	Ser	Gly	Ser	Thr	Ser
	210					215					220				
Gly	Trp	Met	Met	Ser	Leu	Phe	Asn	Gly	Glu	Val	Ser	Pro	Ala	Leu	Ala
225					230					235					240
Leu	Met	Pro	Pro	Gln	Tyr	Tyr	Val	Ser	Ala	Val	Asp	Ile	Gly	Leu	Leu
				245					250					255	
His	Leu	Gly	Cys	Leu	Val	Leu	Pro	Gln	Ile	Glu	Arg	Arg	Arg	Val	Tyr
			260					265					270		
Gly	Thr	Ala	Gly	Thr	Phe	Asp	Trp	Asn	Thr	Val	Leu	Ala	Thr	Phe	Arg
		275				280						285			
Lys	Leu	Tyr	Pro	Ser	Lys	Thr	Phe	Pro	Ala	Asp	Phe	Pro	Asp	Gln	Gly
	290					295					300				
Gln	Asp	Leu	Ser	Lys	Phe	Asp	Thr	Ala	Pro	Ser	Leu	Glu	Ile	Leu	Lys
305					310					315					320
Ser	Leu	Gly	Arg	Pro	Gly	Trp	Arg	Ser	Ile	Glu	Glu	Ser	Ile	Lys	Asp
				325					330					335	
Leu	Val	Gly	Ser	Glu	Thr	Ala									
			340												

<210> 4
 <211> 21
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> PRIMER

<400> 4
 Met Ala Ile Pro Asp Asn Ala Val Leu Glu Gly Ser Leu Val Lys Val
 1 5 10 15
 Thr Gly Ala Asn Gly
 20